

## SEQUENCE LISTING

&lt;110&gt; Evotec NeuroSciences GmbH

<120> An invertebrate animal model with neurodegenerative  
phenotype for screening and testing substances

&lt;130&gt; 021008wo ME/BM

&lt;140&gt; PCT/EP02/03992

&lt;141&gt; 2002-04-10

&lt;160&gt; 2

&lt;170&gt; PatentIn Ver. 2.1

&lt;210&gt; 1

&lt;211&gt; 76

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: LOE I gene  
fragment (nucleotides 13 - 88) of Drosophila  
melanogaster

&lt;400&gt; 1

Lys Gln Gln Pro Leu Ala Asn Ala Pro Val Met Gly Val Gln Glu Asp  
1 5 10 15Lys Ala Gln Glu Pro Lys Glu Leu Pro Asp Glu Pro Ala Lys Gln Pro  
20 25 30Asp Gly Gln Pro Tyr Gln Ala Phe Ala Gly Glu Asp Ser Phe Glu Cys  
35 40 45Ala Phe Glu Ser Thr Met Asp Asp Leu Glu Gln Gly Val Leu Asp Gly  
50 55 60Tyr Glu Ser Asp Ser Glu Ala Ser Ala Asn Asp Gln  
65 70 75

&lt;210&gt; 2

&lt;211&gt; 80

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: X11 alpha gene  
fragment (nucleotides 37-116) from rat

&lt;400&gt; 2

Glu Gln Gln Pro Ser Pro Pro Pro Pro Ala Gly His Ala Pro Glu Asp  
1 5 10 15His Arg Ala His Pro Ala Pro Pro Pro Pro Pro Pro Glu Glu  
20 25 30

Glu Glu Glu Arg Gly Glu Cys Leu Ala Arg Ala Ser Ser Thr Glu Ser  
35 40 45

Gly Phe His Asn His Thr Asp Thr Ala Glu Gly Asp Val Leu Ala Ala  
50 55 60

Ala Arg Asp Gly Tyr Glu Ala Glu Arg Ala Gln Asp Ala Asp Asp Glu  
65 70 75 80